

**US Army Corps of
Engineers®**
ENGINEERING AND SUPPORT CENTER
HUNTSVILLE, AL

YOUTH CENTER (YC) STANDARD DESIGN, LARGE 11 - 18 YEARS OLD

CENTER OF STANDARDIZATION
CATEGORY CODE: 74066

CONTRACT NUMBER : N/A
SOLICITATION NUMBER : N/A

PUBLISHED: 22 FEB 2019



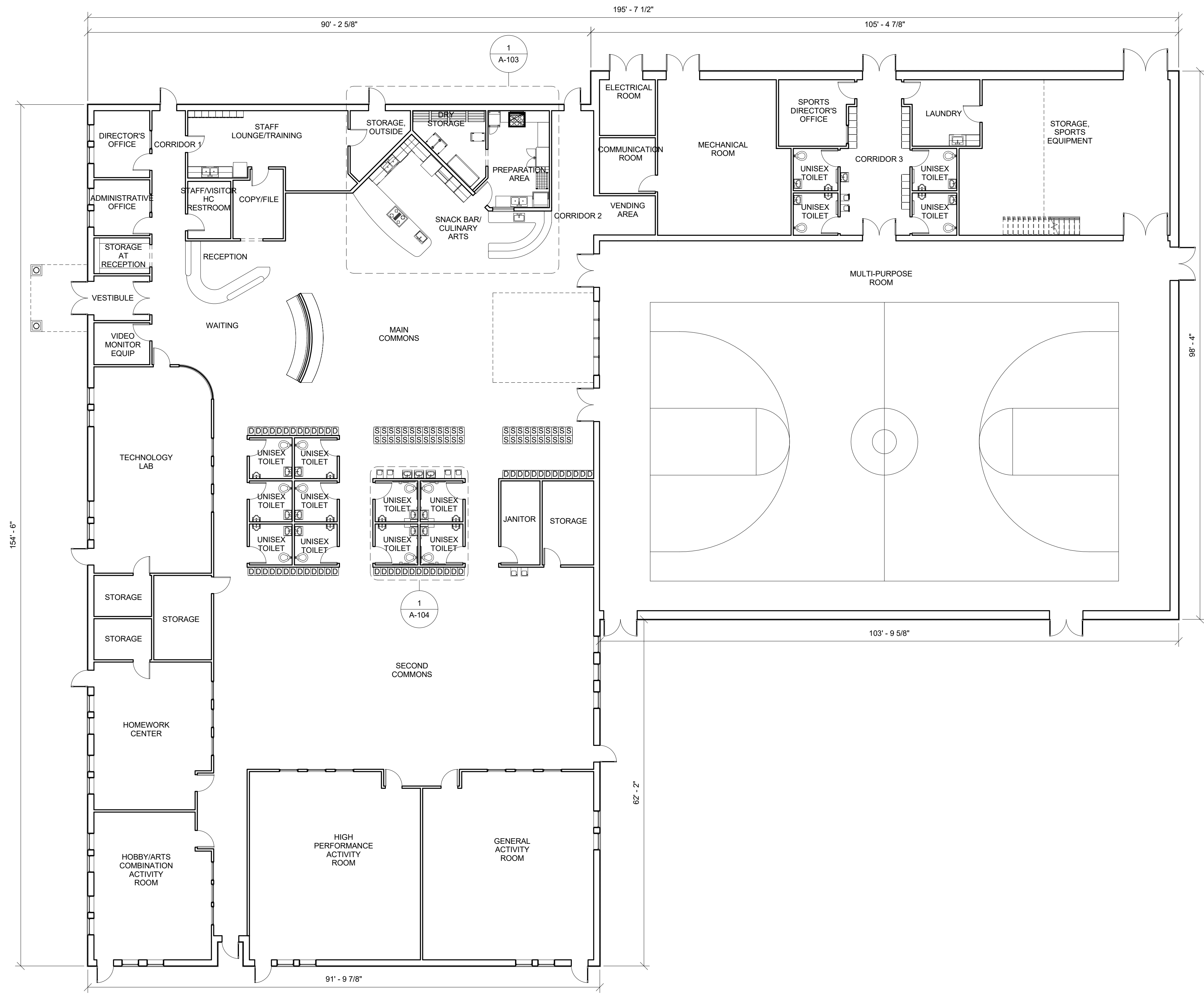
US Army Corps of
Engineers®
HUNTSVILLE CENTER

DATE	DESCRIPTION	MARK	APPR

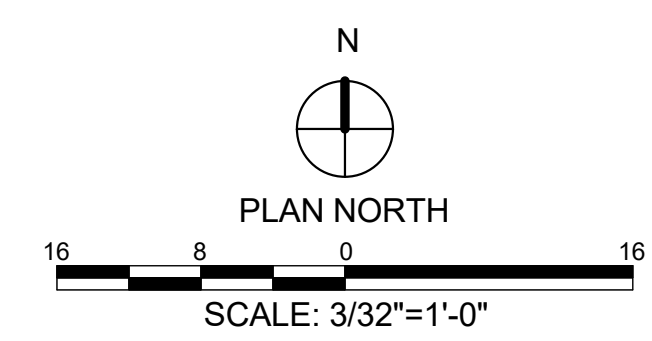
DESIGN BY: Designer: ADMIN	CHKD BY: Checker	DATE: 22 FEB 2019	SOLICITATION NO.:	CONTRACT NO.:	CATEGORY CODE:
DATE: 22 FEB 2019	CHKD BY: 22 FEB 2019	DATE: 22 FEB 2019	SOLICITATION NO.:	CONTRACT NO.:	CATEGORY CODE:

YOUTH CENTER (YC)
STANDARD DESIGN, LARGE
11 - 18 YEARS OLD
COVER SHEET

PLATE
REFERENCE
NUMBER
A-000
SHEET OF 120



OVERALL FIRST FLOOR PLAN
SCALE: 3/32" = 1'-0"



GENERAL NOTES:

- REFERENCE THE ARMY STANDARD DESIGN FOR YOUTH CENTER (YC) DATED MARCH 2008 FOR MANDATORY DESIGN INFORMATION.
- REFERENCE STANDARD DESIGN CRITERIA FOR YC, ROOM BY ROOM DESCRIPTIONS FOR ADDITIONAL DESIGN INFORMATION.

ENERGY CONSERVATION NOTES:

1. BUILDING THERMAL ENVELOPE SHALL MEET MINIMUM REQUIREMENT BASED ON THE CLIMATE ZONE.
2. RECOMMENDED MINIMUM THERMAL RESISTANCE (R-VALUE) FOR EXTERIOR WALLS IN CDC 0-5 ZONE 1, 2 USE R-18 OR BETTER; FOR ZONE 3-6 USE R-VALUE 20.5 OR BETTER; ZONE 7 R-20.5-28.6; ZONE 8 R-20.5-30.5.
3. A CONTINUOUS AIR BARRIER SHALL BE PROVIDED THROUGHOUT THE BUILDING THERMAL ENVELOPE.
4. THE AIR BARRIER SHALL BE PERMITTED TO BE LOCATED ON THE INSIDE OR OUTSIDE OF THE BUILDING ENVELOPE.
5. AIR BARRIERS ARE NOT REQUIRED IN BUILDINGS LOCATED IN CLIMATE ZONES 1, 2, AND 3.
6. THE AIR BARRIER SHALL BE CONTINUOUS FOR ASSEMBLIES THAT ARE THE THERMAL ENVELOPE OF THE BUILDING AND ACROSS THE JOINTS AND ASSEMBLIES.
7. AIR BARRIER JOINTS AND SEAMS SHALL BE SEALED, INCLUDING SEALING TRANSITIONS IN PLACES AND CHANGES IN MATERIALS.
8. BREAKS OR JOINTS IN THE AIR BARRIER SHALL BE SEALED.
9. SOLAR HOT WATER AND SOLAR COLLECTORS SHALL BE INCORPORATED AS AN OPTION TO THE DESIGN.

YC LARGE BIM DESIGN			
DESCRIPTION	TOTAL GROSS AREA (FT2)	HALF AREA	ADJUSTED GROSS AREA (FT2)
FIRST FLOOR	24,384	N	24,384
MEZZANINE	323	N	323
EXTERIOR ALCOVE-SOUTH	18	Y	9
ENTRY CANOPY	120	Y	60
OVERALL FACILITY SQUARE FOOTAGE SHOWN			24,776
STANDARD DESIGN MAXIMUM			24,795
DIFFERENCE			19

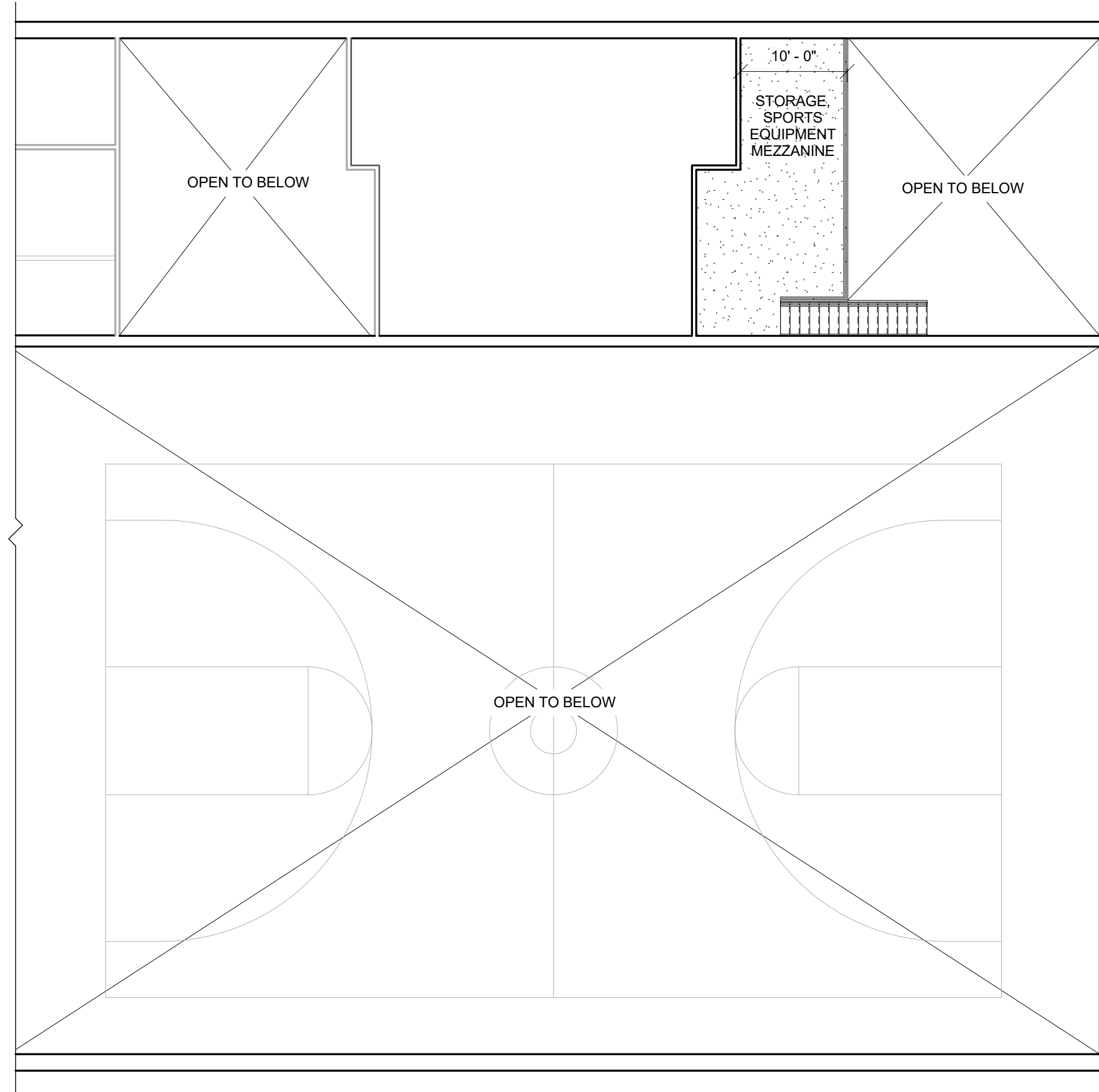


SYMBOL	DESCRIPTION	DATE	BY

DESIGN BY: AREA BY: ADMIN BY:	DATE: 2/19/19	SOLICITATION NO.:
CHK BY: XXX YY	PLT DATE: 2/22/2019	CONTRACT NO.:
SMIT BY: XXX YY	PLT SCALE: As indicated	CATEGORY CODE:
FILE NAME: 22' x 34'		

YOUTH CENTER (YC)
STANDARD DESIGN, LARGE
11 - 18 YEARS OLD
**OVERALL FIRST FLOOR
PLAN**

PLATE
REFERENCE
NUMBER
A-101
SHEET OF 120



MEZZANINE PLAN

SCALE: 3/32" = 1'-0"

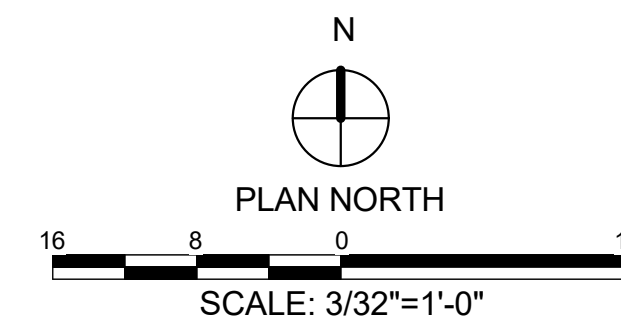
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SYMBOL		DESCRIPTION	DATE	BY

DESIGN BY: Design Admin	DATE: 22 FEB 2019	CHECKED BY: Checked	SOLICITATION NO.:
DESIGNED BY: Admin		PLOT DATE: 2/22/2019	CONTRACT NO.:
SBMT BY: Approver		PLOT SCALE: As indicated	N/A
		FILE NAME:	CATEGORY CODE:

U.S. ARMY CORPS OF ENGINEERS
ENGINEERING AND SUPPORT
CENTER

45 QUALITY DRIVE
HUNTSVILLE, AL 35896

YOUTH CENTER (YC)
STANDARD DESIGN, LARGE
11 - 18 YEARS OLD

MEZZANINE PLAN

PLATE
REFERENCE
NUMBER
A-102
SHEET OF 120

5

4

3

2

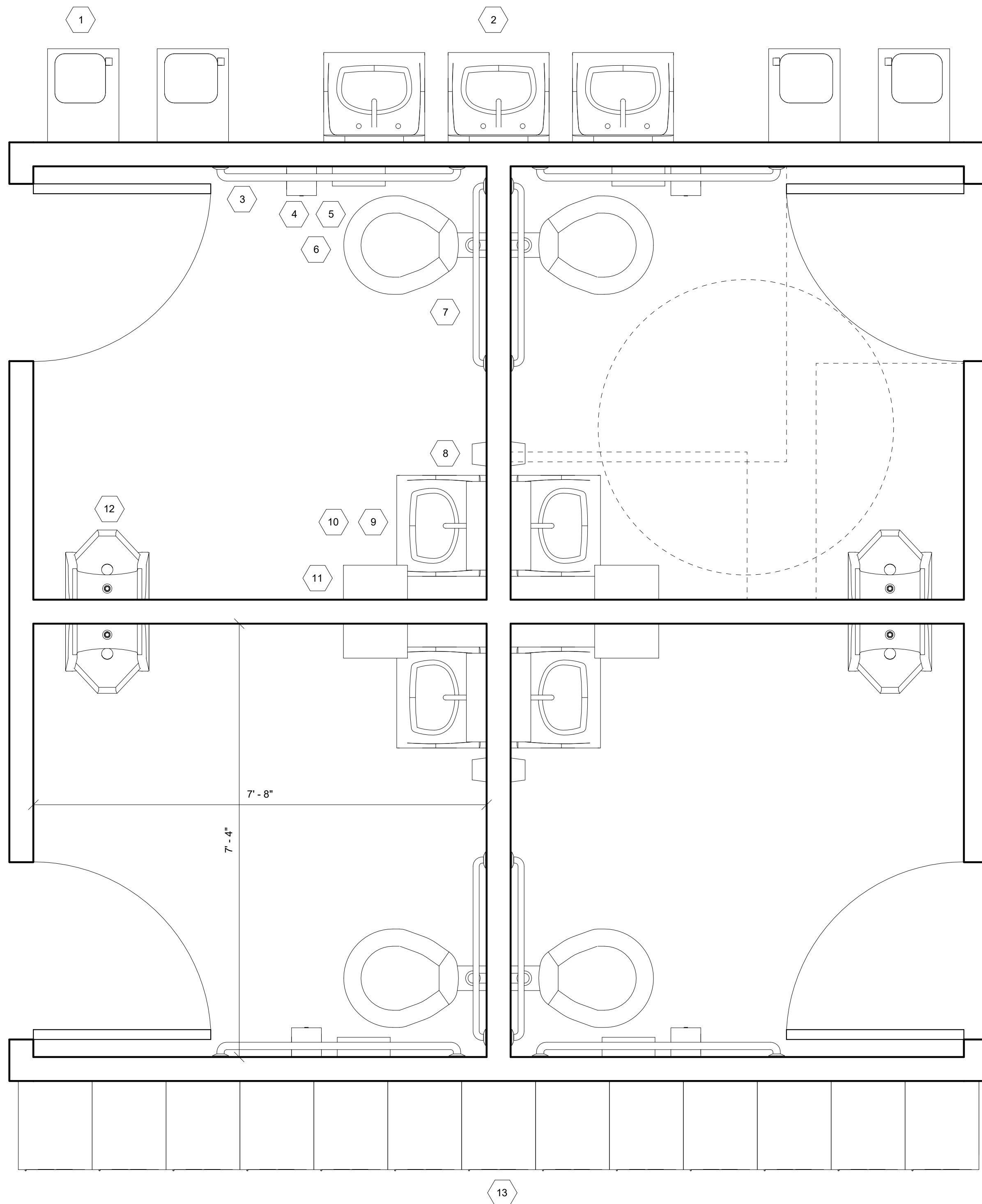
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D

C

B

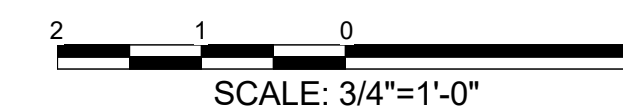
A



KEY NOTES

- 1 DRINKING FOUNTAIN, 2 LEVELS
- 2 LAVATORY (HANDSINK), WALL-MOUNTED
- 3 GRAB BAR, 42" MINIMUM
- 4 TOILET TISSUE DISPENSER
- 5 SANITARY NAPKIN RECEPTACLE
- 6 WATER CLOSET (TOILET), WALL-MOUNTED
- 7 GRAB BAR, 36" MINIMUM
- 8 SOAP DISPENSER
- 9 MIRROR, WALL-MOUNTED
- 10 LAVATORY (HANDSINK), WALL-MOUNTED
- 11 PAPER TOWEL DISPENSER
- 12 URINAL
- 13 LOCKER, DOUBLE TIER

1 UNISEX TOILET
 A-104 3/4" = 1'-0"



SYMBOL	DESCRIPTION	DATE	BY

DESIGN BY: Designer: Admin:	DESIGNED BY: Checker: Approver:	DATE: 22/02/2019 9:31:44 AM	DATE: 22 FEB 2019 N/A
U.S. ARMY CORPS OF ENGINEERS ENGINEERING AND SUPPORT CENTER		435 QUALITY CENTER HUNTSVILLE, AL 35896	
PROJECT NO.:	SOLICITATION NO.:	CONTRACT NO.:	CATEGORY CODE:
PLOT DATE:	PLOT SCALE:	FILE NAME:	
22/02/2019	3/4" = 1'-0"	22' x 34"	

YOUTH CENTER (YC)
 STANDARD DESIGN, LARGE
 11 - 18 YEARS OLD
ENLARGED TOILET PLANS

PLATE
 REFERENCE
 NUMBER
A-104
 SHEET OF 120